

ABSTRACT OF THE INVENTION

A laser diode driver output stage for driving an associated laser diode device. In one aspect of the present invention, the laser diode driver output stage includes a driver circuit having at least one input node and an output node. The driver circuit is adapted to receive an input data signal at the at least one input node and provide an output signal at the output node in response to the data signal. The laser diode driver output stage further includes a transformer connected to the output node of the driver circuit. The transformer is adapted to receive the output signal at a first side and apply impedance compensation to the output signal to provide an output drive signal from a second side to drive the associated laser diode device.